



Civil Engineers  
Structural Engineers  
Traffic Engineers  
Land Surveyors  
Landscape Architects  
Planners

February 28, 2013

Planning Board  
Town of Barrington  
333 Calef Highway  
Barrington NH 03825

Re: Cost Tables  
Green Hill Road Improvements

Dear Chairman Huckins and Members of the Town of Barrington Planning Board:

The attached tables are as our cost estimates for the improvements at Green Hill Road, identified in HTE Northeast's report dated January 4, 2013 report and subsequent addendum letter dated February 11, 2013, to support traffic from the proposed Trinity Conservation Sand and Gravel operation.

Table 1 indicates the cost to pave 1.5 inch wearing course overlay over the Easterly side of Green Hill Road from the site driveway to NH Route 125 and including full box reconstruction (3.5 inches of pavement, 8 inches crushed gravel, 16 inches bank run gravel) over the eastern 1000 feet to the limits of the NHDOT intersection improvements at NH Route 125. I understand this work is scheduled for Spring 2013.

Table 2 indicates the cost to construct the improvements along the Westerly side of Green Hill Road from the site driveway to US Route 202, comprised of a 1.5 inch wearing course overlay.

Table 3 indicates the cost to construct the 2 inch overlay over the area within 100 feet of the site driveway.

Please do not hesitate to contact me with any questions or comments.

Sincerely,  
TFMoran Inc.

A handwritten signature in black ink, appearing to be 'J. Hill', written in a cursive style.

Jason S. Hill  
Project Manager

48 Constitution Drive  
Bedford, NH 03110  
Phone (603) 472-4488  
Fax (603) 472-9747  
[www.tfmoran.com](http://www.tfmoran.com)

Table 1  
 Approach: Easterly side of Green Hill Road to NH Route 125

Approximate Length of Need: 5000 lineal feet  
 Approximate Road Width: 20 feet / 22 feet

<b>Task 1: 1.5" Pavement Overlay</b>		
	4000	LF
Tonnage	733	TON
Cost per ton	\$70	
Bare Cost	\$51,310	
Engineering & Contingencies add 15%	\$7,696.50	
<b>Total Cost</b>	<b>\$59,006.50</b>	

<b>Task 2: Full Box Reconstruction 22' wide (Eastern 1250 feet less 250 feet at NHDOT 16201)</b>		
	1000	LF
3 1/2" HBP/8" Crushed Gravel/16" BR Gravel	\$108.00	\$/ LF
<b>Total Cost</b>	<b>\$108,000.00</b>	

<b>Overall Project Cost Summary</b>	<b>Total Cost</b>
Task 1	\$59,006.50
Task 2	\$108,000.00
<b>Net</b>	<b>\$167,006.50</b>

Table 2  
Approach: Westerly side of Green Hill Road to US Route 202

Approximate Length of Need: 7600 lineal feet  
Approximate Road Width: 20 feet

<b>Task 1: 1.5" Pavement Overlay</b>		
	7600	LF
Tonnage	1375	TON
Cost per ton	\$70	
Bare Cost	\$96,250	
Engineering & Contingencies add 15%	\$14,437.50	
Total Cost	\$110,687.50	
<b>Overall Project Cost Summary</b>	<b>Total Cost</b>	
Task 1	\$110,687.50	
Overall Project Cost	\$110,687.50	

Table 3  
Green Hill Road within 100 feet of site driveway

Approximate Length of Need: 200 lineal feet  
Approximate Road Width: 20 feet

<b>2" Pavement Overlay (within 100' of drive)</b>		
Tonnage	54	TON
Cost per ton	\$70	
Bare Cost	\$3,780	
Engineering & Contingencies add 15%	\$567	
Total Cost	\$4,347	